



E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED

WILMINGTON, DELAWARE 19898

ENGINEERING DEPARTMENT

bcc: C.M. Thayer - Secy., D-2072
W.H. Kelso - Explos., Repauno Wks.
C. Baker - Explos., Repauno Wks.
E.L. Vekkos - Explos., Repauno Wks.
F.H. Kenton - M.L. Partelli
E.S. Schweitzer
J.J. Welsh
RC-32 A&C
Office File

August 12, 1966

Baker

Manager	_____
Asst. Mgr.	<i>[Signature]</i>
Prod. Supt.	_____
Mech. Supt.	_____
E. R. Supt.	_____
Tech. Supt.	_____
W. C. Supt.	_____
Mail	_____MGR._____
Perm. File	_____
File	_____

The District Engineer
Philadelphia District
P. O. Box 8629
Philadelphia, Pennsylvania

Dear Sir:

This is to acknowledge receipt of the Department of the Army Permit dated August 11, 1966, authorizing E. I. du Pont de Nemours & Co. Inc. to reconstruct a dike in the Delaware River along the shoreline between Crab Point and Thompson Point, Gloucester County, New Jersey.

In accordance with para. (i) of the above mentioned permit and the penultimate paragraph of your transmittal letter, we intend to commence work on this project on August 15, 1966.

Very truly yours,

DESIGN DIVISION

J. D. Wilson

J. D. Wilson
Principal Arch. & Civil Engineer

JDW:smf

U. S. ARMY ENGINEER DISTRICT, PHILADELPHIA
CORPS OF ENGINEERS
CUSTOM HOUSE—2D & CHESTNUT STREETS
PHILADELPHIA, PA. 19106

IN REPLY REFER TO
NAPOP-N

11 August 1966

2) J. D. Wilson
1) Mr. J. D. Wilson *JDW*
Principal A&C Engineer
Engineering Department
E. I. duPont de Nemours & Company, Inc.
Louviers Building
Wilmington, Delaware 19898

Dear Mr. Wilson:

Inclosed is Department of the Army permit authorizing E. I. duPont de Nemours & Company, Inc. to reconstruct a dike in the Delaware River along the shoreline between Crab Point and Thompson Point, approximately 1.9 miles downstream from the intersection of Tinicum and Billingsport Ranges, Gloucester County, New Jersey.

If any material changes in the location or plans of the permitted work are found necessary on account of unforeseen or altered conditions or otherwise, revised plans should be submitted promptly to the District Engineer to the end that the revised plans, if found unobjectionable from the standpoint of navigation, may receive the approval required by law before operations on the permitted work are commenced. It is important that no work under this permit be commenced until you have notified the District Engineer by letter. Similar notification is required upon completion of the work.

This permit if not previously revoked or specifically extended, shall cease and be null and void if the work authorized is not completed on or before 31 December 1969.

Sincerely yours,



E. P. YATES
Colonel, Corps of Engineers
District Engineer

1 Incl
Permit

DEPARTMENT OF THE ARMY

NOTE.—It is to be understood that this instrument does not give any property rights either in real estate or material, or any exclusive privileges; and that it does not authorize any injury to private property or invasion of private rights, or any infringement of Federal, State, or local laws or regulations, nor does it obviate the necessity of obtaining State assent to the work authorized. IT MERELY EXPRESSES THE ASSENT OF THE FEDERAL GOVERNMENT SO FAR AS CONCERNS THE PUBLIC RIGHTS OF NAVIGATION. (See Cummings v. Chicago, 188 U. S., 410.)

16-12162-2

NAPOP-N

PERMIT

U. S. Army Engineer District, Philadelphia
Corps of Engineers.
Custom House, Philadelphia, Pennsylvania 19106
11 August, 1966

E. I. duPont de Nemours & Company, Inc.
Louviers Building
Wilmington, Delaware 19898

Gentlemen:

Referring to written request dated 18 March 1966 by Mr. J. D. Wilson,
Principal A&C Engineer, Engineering Department, - - - - -
I have to inform you that, upon the recommendation of the Chief of Engineers,
and under the provisions of Section 10 of the Act of Congress approved March 3,
1899, entitled "An act making appropriations for the construction, repair, and
preservation of certain public works on rivers and harbors, and for other pur-
poses," you are hereby authorized by the Secretary of the Army.

to reconstruct a dike - - - - -
(Here describe the proposed structure or work.)

in the Delaware River - - - - -
(Here to be named the river, harbor, or waterway concerned.)

at along the shoreline between Crab Point and Thompson Point, approximately 1.9
(Here to be named the nearest well-known locality—preferably a town or city—and the distance in miles and tenths from some definite point in
the same, stating whether above or below or giving direction by points of compass.)

miles downstream from the intersection of Tinicum and Billingsport Ranges,
Gloucester County, New Jersey, - - - - -

in accordance with the plans shown on the drawing attached hereto marked:
(Or drawings; give file number or other definite identification marks.)

"1507-24 (Delaware River - E. I. duPont de Nemours & Company, Inc. - No. 17) E-1"

subject to the following conditions:

(a) That the work shall be subject to the supervision and approval of the District Engineer, Corps of Engineers, in charge of the locality, who may temporarily suspend the work at any time, if in his judgment the interests of navigation so require.

(b) That any material dredged in the prosecution of the work herein authorized shall be removed evenly and no large refuse piles, ridges across the bed of the waterway, or deep holes that may have a tendency to cause injury to navigable channels or to the banks of the waterway shall be left. If any pipe, wire, or cable hereby authorized is laid in a trench, the formation of permanent ridges across the bed of the waterway shall be avoided and the back filling shall be so done as not to increase the cost of future dredging for navigation. Any material to be deposited or dumped under this authorization, either in the waterway or on shore above high-water mark, shall be deposited or dumped at the locality shown on the drawing hereto attached, and, if so prescribed thereon, within or behind a good and substantial bulkhead or bulkheads, such as will prevent escape of the material in the waterway. If the material is to be deposited in the harbor of New York, or in its adjacent or tributary waters, or in Long Island Sound, a permit therefor must be previously obtained from the Supervisor of New York Harbor, New York City.

(c) That there shall be no unreasonable interference with navigation by the work herein authorized.

(d) That if inspections or any other operations by the United States are necessary in the interest of navigation, all expenses connected therewith shall be borne by the permittee.

(e) That no attempt shall be made by the permittee or the owner to forbid the full and free use by the public of all navigable waters at or adjacent to the work or structure.

(f) That if future operations by the United States require an alteration in the position of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army, it shall cause unreasonable obstruction to the free navigation of said water, the owner will be required upon due notice from the Secretary of the Army, to remove or alter the structural work or obstructions caused thereby without expense to the United States, so as to render navigation reasonably free, easy, and unobstructed; and if, upon the expiration or revocation of this permit, the structure, fill, excavation, or other modification of the watercourse hereby authorized shall not be completed, the owners shall, without expense to the United States, and to such extent and in such time and manner as the Secretary of the Army may require, remove all or any portion of the uncompleted structure or fill and restore to its former condition the navigable capacity of the watercourse. No claim shall be made against the United States on account of any such removal or alteration.

(g) That the United States shall in no case be liable for any damage or injury to the structure or work herein authorized which may be caused by or result from future operations undertaken by the Government for the conservation or improvement of navigation, or for other purposes, and no claim or right to compensation shall accrue from any such damage.

(h) That if the display of lights and signals on any work hereby authorized is not otherwise provided for by law, such lights and signals as may be prescribed by the U. S. Coast Guard, shall be installed and maintained by and at the expense of the owner.

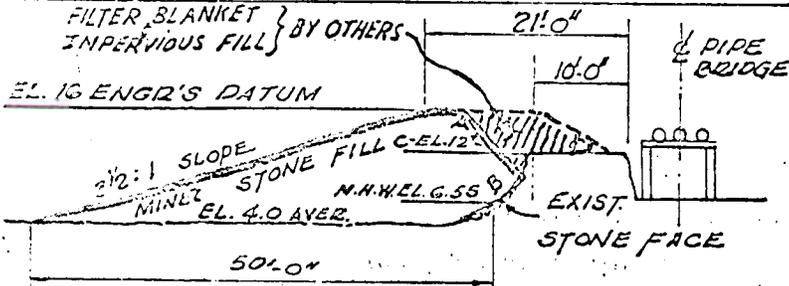
(i) That the permittee shall notify the said district engineer at what time the work will be commenced, and as far in advance of the time of commencement as the said district engineer may specify, and shall also notify him promptly, in writing, of the commencement of work, suspension of work, if for a period of more than one week, resumption of work, and its completion.

(j) That if the structure or work herein authorized is not completed on or before31st..... day ofDecember....., 1969., this permit, if not previously revoked or specifically extended, shall cease and be null and void.

By authority of the Secretary of the Army:



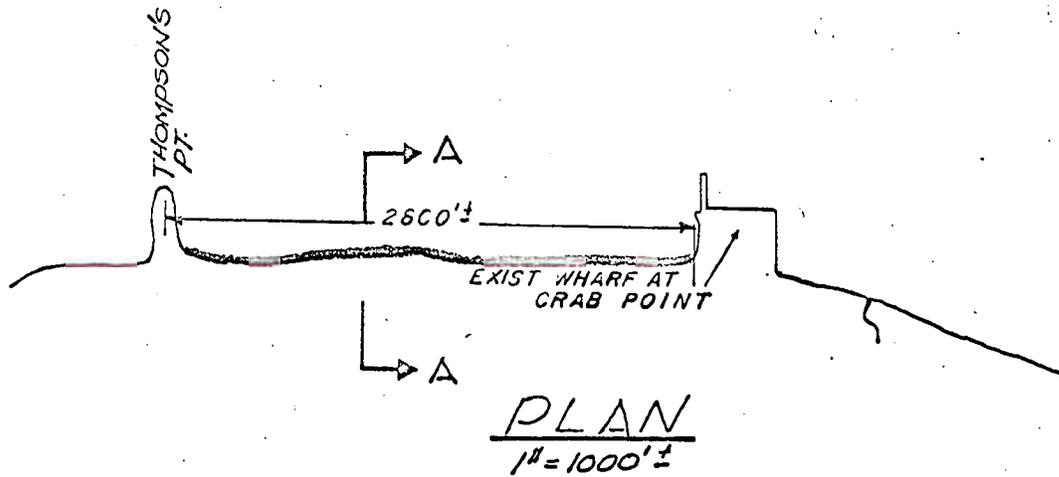
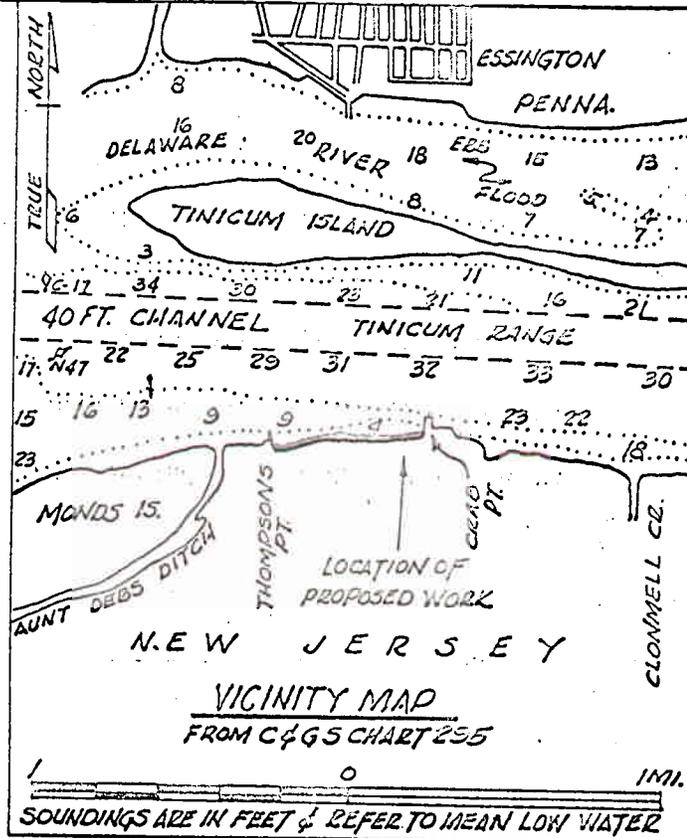
E. P. YATES
Colonel, Corps of Engineers
District Engineer



SECTION A-A

SCALE: 1" = 20'

- A - 1/2:1 SLOPE
- B - 0.3:1 - 0.6:1 SLOPE
- C - EL. 12" ENGR'S DATUM



PLAN
1" = 1000'±

PROPOSED
RESTORATION OF
FLOOD CONTROL LEVEE
ON THE DELAWARE RIVER
IN GLOUCESTER COUNTY, N.J.
APPLICATION BY
E. I. DUPONT DE NEMOURS & CO. INC.
FEBRUARY 10, 1966